

Title (en)

Method for making lithographic printing plates.

Title (de)

Verfahren zur Herstellung von lithographischen Druckplatten.

Title (fr)

Procédé de fabrication de plaques d'impression lithographiques.

Publication

EP 0001138 A1 19790321 (EN)

Application

EP 78200150 A 19780821

Priority

US 82705777 A 19770823

Abstract (en)

Lithographic printing plates are prepared by: 1) providing a sensitized lithographic substrate (10) having a photochemical coating (12) thereon that has its solubility altered upon exposure to actinic radiation (for example an anodized aluminium substrate (10) coated with a UV sensitive diazo resin); 2) depositing on selected portions of the sensitized substrate a layer of non-silver halide material (14) that is opaque to the actinic radiation that will alter the solubility characteristics of the photochemical coating (this forms a so-called fugitive negative on the sensitized substrate and electrostatic or laser transfer techniques can be used for forming the fugitive negative); 3) exposing the sensitized substrate to actinic radiation to alter the solubility characteristics of the uncovered portions of the photochemical coating; and 4) dissolving away the soluble portions of the photochemical coating. If desired the non-silver halide fugitive negative can be removed after exposing the sensitized substrate.

IPC 1-7

G03F 7/02; G03G 13/28

IPC 8 full level

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CPC (source: EP)

G03F 7/202 (2013.01)

Citation (search report)

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